

Solution Concentrations

Use your ion sheet to write the formulas for the following compounds

Potassium Nitrate _____ Sodium Chloride _____

Iron (III) Chloride _____ Sodium Acetate _____

Express 50g of sodium chloride in 100g of solution as %.

Express 50g of potassium nitrate in 100g of solution as parts per hundred (pph).

Express 50g of sodium acetate in 100g of solution as parts per thousand (ppt).

Express 50g of iron(III) chloride in 100g of solution as parts per million (ppm).

What is the concentration of a solution of 83 grams of sodium chloride dissolved in 117g of water in:

A %.

C ppt

B pph

D ppm

What is the concentration of a solution of 56 grams of sodium chloride dissolved in 150 g of water in:

A %.

C ppt

B pph

D ppm